

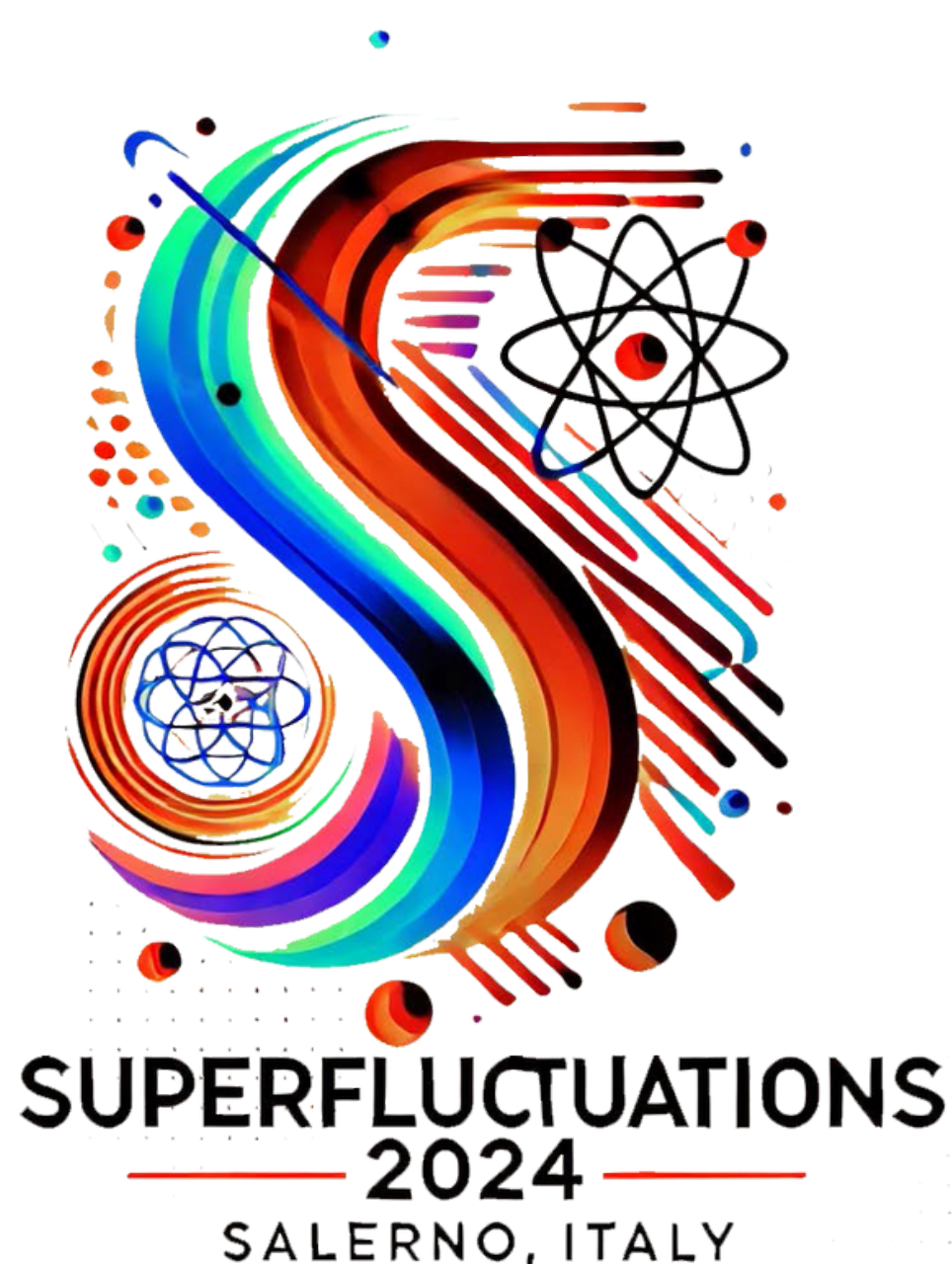


Salerno, 16 - 18 Settembre 2024

SuperFluctuations 2024



Fluctuations and Highly Nonlinear Phenomena In Superfluids and Superconductors



The conference will be opened by the

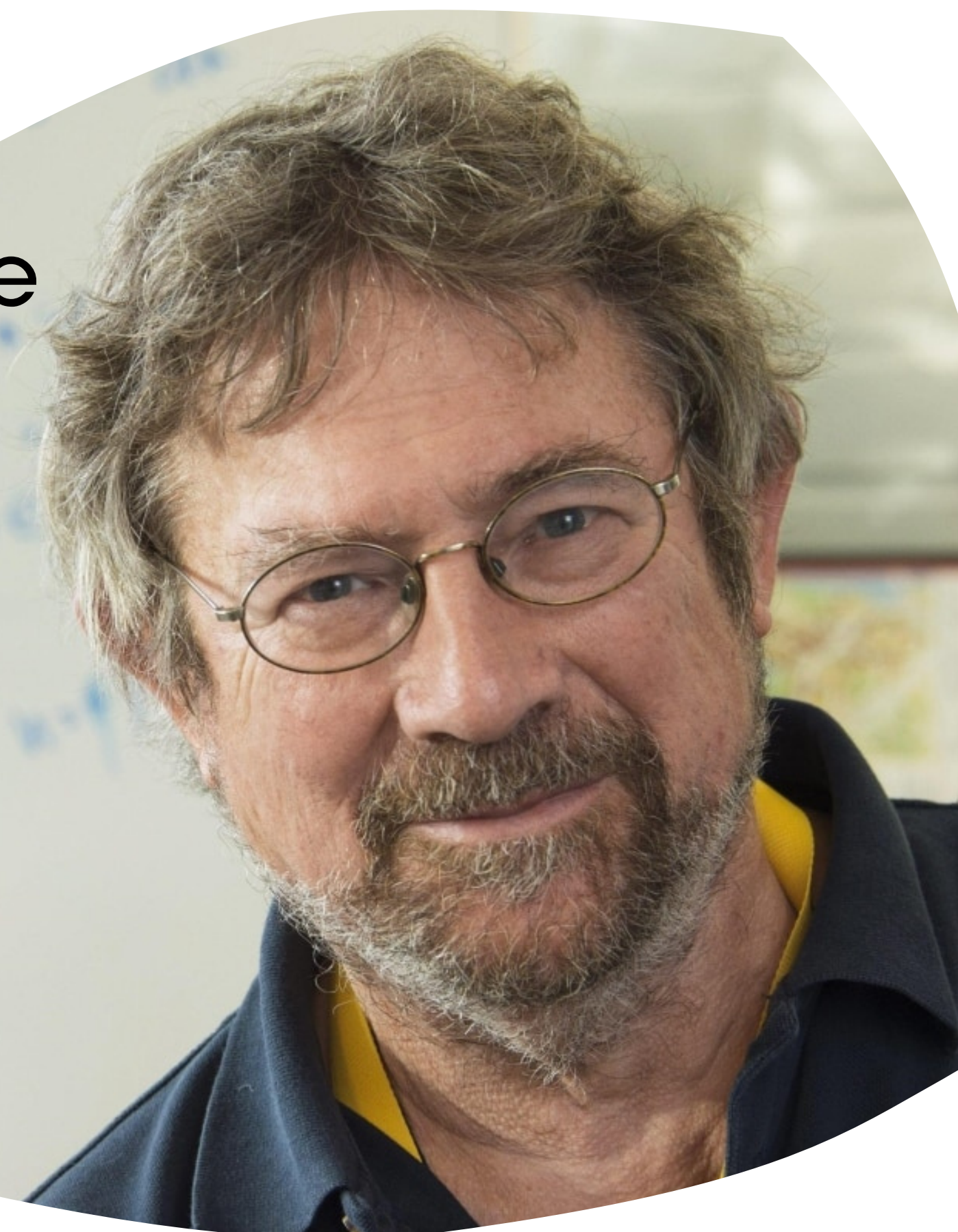
Nobel Laureate

John Michael Kosterlitz

16 September, 2024

Teatro di Ateneo

h. 15:00



Topics

- Highly nonlinear phenomena
- Non-equilibrium superconductivity
- Spin-orbitronics: theory and applications
- Innovative numerical methods
- Fluctuations and BCS-BEC crossover phenomena
- Electron-hole and Excitonic superfluidity and supersolidity
- Novel Quantum Phenomena with Bosons and Fermions
- Quantum technologies and quantum devices

Invited Speakers

A. Ambrosetti, University of Padova (IT)
L. Amico, QRC at TII, Abu Dhabi (AE)
A. Avella, University of Salerno (IT)
A. Balaž, University of Belgrade (RS)
A. Bianconi, RICMASS CNR (IT)
J. Boronat, Universitat de Catalunya (ES)
A. Burchianti, CNR-INO, Firenze (IT)
V. Brosco, CNR-ISC, Roma (IT)
M. Capone, Sissa, Trieste (IT)
S. Caprara, Sapienza Università di Roma (IT)
S. Conti, University of Antwerp (BE)
C. Danieli, CNR ISC (IT)
E. Demler, ETH, Zurich (CH)
F. Dolcini, Politecnico di Torino (IT)
M. Eschrig, University of Greifswald (DE)
G. Filatrella, University of Sannio (IT)
K. Furutani, Nagoya University (JP)

D. Galli, University of Milano (IT)
F. Giazotto, NEST, Pisa (IT)
S. Giorgini, University of Trento (IT)
B. Hue, CNRS (FR)
J. Klinovaja, University of Basel (CH)
I. Maccari ETH, Zurich (CH)
M. V. Milosevic, University of Antwerp (BE)
C. Ortix, University of Salerno (IT)
S. Parkin, Max Planck Institute in Halle (DE)
L. Pena Ardila, University of Camerino (IT)
S. Pilati, University of Camerino (IT)
R. Raimondi, University Roma Tre (IT)
G. Salerno, Aalto University (FI)
D. Stornaiulo, University of Naples (IT)
M. Trama, IFW, Dresden (DE)
G. Venditti, University of Geneva (CH)
P. Vignolo, University of Nice (FR)

Organizing Committee

R. Citro (Chair)
C. Guarcello
A. Di Bernardo
G. Grimaldi
L. Dell'Anna
L. Salasnich
A. Perali

Local Technical and Logistic Committee

B. Amoruso
C. D'Apolito
V. Di Marino
F. Colangelo
A. Maiellaro
A. Mauro
G. Nunziante
M. Trama

Venues

Università di Salerno, Teatro di Ateneo
Fisciano (SA), Italy (Sept.16)

Grand Hotel Salerno,
Lungomare Tafuri, 1 Salerno, Italy (Sept. 17–18)

A special issue will appear in **MDPI Condensed Matter** and two **MDPI Condensed Matter Awards** will be given to young investigators

www.multisuper.org/superfluctuations-2024

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